GM4342 v2.0



Safety Data Sheet

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According to REACH Regulations (EC) 1907/2006 and (EU) 2020/878

According to REA	CH Regulations (EC) 1907/2006	and (EU) 2020/878		
Identification of th	e substance/mixture and of the	company/undertaking		
Product identifier				
Product code Product name CAS number Physical form REACH	 GM4342 L-Carnitine tartrate 36687-82-8 solid, substance A registration number is n are exempted from registr the registration is envisag 	ration, the annual tonn	age does not	
Relevant identified	l uses of the substance or mixtu	ire and uses advised a	against	
PC21: Laboratory	chemicals.			
Details of the sup	lier of the safety data sheet			
Company name	Glentham Life Sciences L Unit 5 Leafield Way Corsham SN13 9SW United Kingdom	td Telephone Fax Email Web	: +44 (0) : info@gl	1225 667 798 2033 978 909 lentham.com entham.com
4 Emergency teleph	one number			
Emergency teleph number	one : NHS Direct 111 (UK, 24 h	nours), 112 (EU, 24 Ho	ours), +44 (0) ′	1225 667 798 (09.00 – 17.00 GMT)
Hazards identifica	tion			
Classification of t	e substance or mixture			
Classification under Cl	P according to (EC) 1272/2008			
This product has n	o classification under CLP.			
2 Label elements				
	CLP according to (EC) 1272/2008			
This product has n	o label elements.			
3 Other hazards				
PBT				
This substance is	not identified as a PBT substance	9.		
0 Composition/infor	mation on ingredients			
¹ Substances				
Name		Identifier	%	Classification
L-Carnitine tartra	te	CAS: 36687-82-8 EC: REACH: Not applicable	98.0%	Not classified
First aid measures	· · · · · · · · · · · · · · · · · · ·			
	t aid measures			

Description of first aid measures		
Skin contact	Wash immediately with plenty of soap and water.	
Eye contact	Bathe the eye with running water for 15 minutes.	
Ingestion	Wash out mouth with water.	
Inhalation	Consult a doctor.	

4.2 Most important symptoms and effects, both acute and delayed

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Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects	Immediate effects can be expected after short-term exposure.
Indication of any imme	ediate medical attention and special treatment needed
Immediate / special treatmen	nt
No data available.	
Fire-fighting measures	i de la constante de la constan
Extinguishing media	
Suitable extinguishing	media for the surrounding fire should be used.
Special hazards arisin	g from the substance or mixture
Exposure hazards	
In combustion emits to	xic fumes.
Advice for fire-fighters	i
Wear protective clothin	g to prevent contact with skin and eyes. Wear self-contained breathing apparatus.
Accidental release me	asures
Personal precautions,	protective equipment and emergency procedures
Personal precautions	
Refer to section 8 of S	DS for personal protection details.
Environmental precau	tions
Do not discharge into o	drains or rivers.
Methods and material	for containment and cleaning up
Clean-up procedures	
	with large amounts of water.
Reference to other sec	
Refer to section 8 of S	
Handling and storage	
Precautions for safe h	andling
Handling requirements	
	spread of dust in the air.
	orage, including any incompatibilities
Storage conditions Avoid contact with wate	er or humidity. Keep container tightly closed. Store in cool, well ventilated area.
Specific end use(s)	
No data available.	
Exposure controls/per	sonal protection
Control parameters	
Workplace exposure limits	e limit control parameters set
IND WORKDIACE EXDOSUL	e non connormalameners ser
Exposure controls	

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Engineering measures	No data available.
Respiratory protection	Respiratory protective device with particle filter.
Hand protection	Protective gloves.
Eye protection	Ensure eye bath is to hand. Safety glasses.
Skin protection	Protective clothing.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White
Odour	No data available.
Melting point/Freezing point	No data available.
Boiling point/initial boiling point/boiling range	No data available.
Flammability	No data available.
Lower/Upper explosion limit	No data available.
Flash Point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
рН	3.0 ightarrow 5.0
Kinematic viscosity	No data available.
Solubility	No data available.
Partition coefficient n-octanol/water	No data available.
Vapour pressure	No data available.
Density/relative density	No data available.
Relative vapour pressure	No data available.
Particle characteristics	No data available.

9.2 Other information

No data available.

10. Stability and reactivity

^{10.1} Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions

Decomposition may occur on exposure to conditions or materials listed below. Hazardous reactions will not occur under normal transport or storage conditions.

^{10.4} Conditions to avoid

Heat.

^{10.5} Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents.

11. Toxicological information

11.1 Information on toxicological effects

a) Acute toxicity No data available.

- b) Skin corrosion/irritation No data available.
- c) Serious eye damage/irritation No data available.

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14. Transport information		The user's attention is	drawn to the possible existence of regional or national regulations regarding disposal.	
14. Transport information				
	14.	Transport information		



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This product does not require a classification for transport.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/787.

Authorisations/Restrictions

Regulation (EC) 1907/2006, REACH, Annex XIV list of substances subject to authorisation:	No data available.
Regulation (EC) 1907/2006, REACH, Annex XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances:	No data available.
Regulation (EC) 1005/2009 on substances that deplete the ozone layer:	No data available.
Regulation (EC) 850/2004 on persistent organic pollutants, amended by (EU) No 2019/1021:	No data available.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other information

H-Statement Full Texts

Abbreviations Full Texts

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	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
	ALARP	As low as is reasonably practicable
	CAS	Chemical Abstracts Service
	CLP	Classification, Labelling and Packaging Regulations
	COSHH	Control of Substances Hazardous to Health
	EC Number	European Community Number
	EC50	Effective Concentration 50%
	EILINCS	European List of Notified Chemical Substances
	EINECS	European Inventory of Existing Commercial Chemical Substances
	GHS	Globally Harmonised System
	HSE	Health & Safety Executive UK
	IATA	International Air Transport Association
	IM	Intramuscular
	IMDG	The International Maritime Dangerous Goods Code
	IP	Intraperitoneal
	IV	Intravascular
	LD50	Lethal Dose 50%
	LOEC	Lowest Observable Effective Concentration
	LTEL	Long Term Exposure Limit
	NOEC	No Observable Effective Concentration
	OECD	Organisation for Economic Cooperations and Development
	PBT	Persistent Bioaccumulative Toxic
	PPE	Personal Protective Equipment
	REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
	RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
	SC	Subcutaneous
	SDS	Safety Data Sheet
	STEL	Short Term Exposure Limit
	VOC	Volatile Organic Compounds
	vPvB	Very Persistent and Very Bioaccumulative
	WEL	Workplace Exposure Limits

This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/787.

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